

WHAT IS CLAIMED IS

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1. A telephone set identifying method for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising the steps of:

10 identifying the type of the portable telephone set based on a response with respect to an operation start signal which is output to a data interface part of the portable telephone set.

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2. A telephone set identifying method for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising the steps of:

identifying the type of the portable telephone set based on a waveform of a signal output from a specific terminal of a data interface part of the portable telephone set.

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3. A telephone set identifying method for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising the steps of:

35 identifying the type of the portable telephone set based on an allocation pattern of input and output terminals of a data interface part of the portable telephone set.

4. A telephone set type identifying apparatus for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising:

5 means for identifying the type of the portable telephone set based on a response with respect to an operation start signal which is output to a data interface part of the portable telephone set.

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5. A telephone set type identifying apparatus for identifying a type of portable 15 telephone set to which a data processing apparatus is coupled, comprising:

means for identifying the type of the portable telephone set based on a waveform of a signal output from a specific terminal of a data interface part of 20 the portable telephone set.

25 6. A telephone set type identifying apparatus for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising:

means for identifying the type of the portable 30 telephone set based on an allocation pattern of input and output terminals of a data interface part of the portable telephone set.

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7. A PC card comprising:

a telephone set type identifying apparatus identifying a type of portable telephone set to which a data processing apparatus is coupled,

5       said telephone set type identifying apparatus comprising:

means for identifying the type of the portable telephone set based on a response with respect to an operation start signal which is output to a data interface part of the portable telephone

10      set.

15           8. A PC card comprising:

a telephone set type identifying apparatus identifying a type of portable telephone set to which a data processing apparatus is coupled,

20       said telephone set type identifying apparatus comprising:

means for identifying the type of the portable telephone set based on a waveform of a signal output from a specific terminal of a data interface part of the portable telephone set.

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9. A PC card comprising:

30       a telephone set type identifying apparatus identifying a type of portable telephone set to which a data processing apparatus is coupled,

      said telephone set type identifying apparatus comprising:

35       means for identifying the type of the portable telephone set based on an allocation pattern of input and output terminals of a data interface part

of the portable telephone set.

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10. A computer-readable storage medium which stores a program for causing a computer which couples to a portable telephone set to identify a type of the portable telephone set, comprising:

10 means for causing the computer to identify the type of the portable telephone set based on a response with respect to an operation start signal which is output to a data interface part of the portable telephone set.

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11. A computer-readable storage medium which stores a program for causing a computer which couples to a portable telephone set to identify a type of the portable telephone set, comprising:

means for causing the computer to identify the type of the portable telephone set based on a pattern of an asynchronous signal output from a data interface part of the portable telephone set.

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12. A computer-readable storage medium which stores a program for causing a computer which couples to a portable telephone set to identify a type of the portable telephone set, comprising:

35 means for causing the computer to identify the type of the portable telephone set based on an allocation pattern of input and output terminals of

a data interface part of the portable telephone set.

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13. A processing apparatus operatively coupled between a communication equipment and an information processing apparatus, comprising:

10 an identifying part identifying a type of the communication equipment and outputting an identification signal; and

15 a switching part switching a communication protocol prestored for each type of the communication equipment, based on the identification signal.

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14. The processing apparatus as claimed in claim 13, wherein the communication equipment is a mobile communication equipment.

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15. The processing apparatus as claimed in claim 14, wherein the mobile communication is a mobile telephone set capable of making a communication while moving or a personal handy-phone system telephone set unsuited for making a communication while moving.

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